

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078552.D
 Acq On : 15 Apr 2015 23:16
 Operator : TP/IZ
 Sample : G1828-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB03B

Quant Time: Apr 16 09:04:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:04:57 2015
 Response via : Initial Calibration

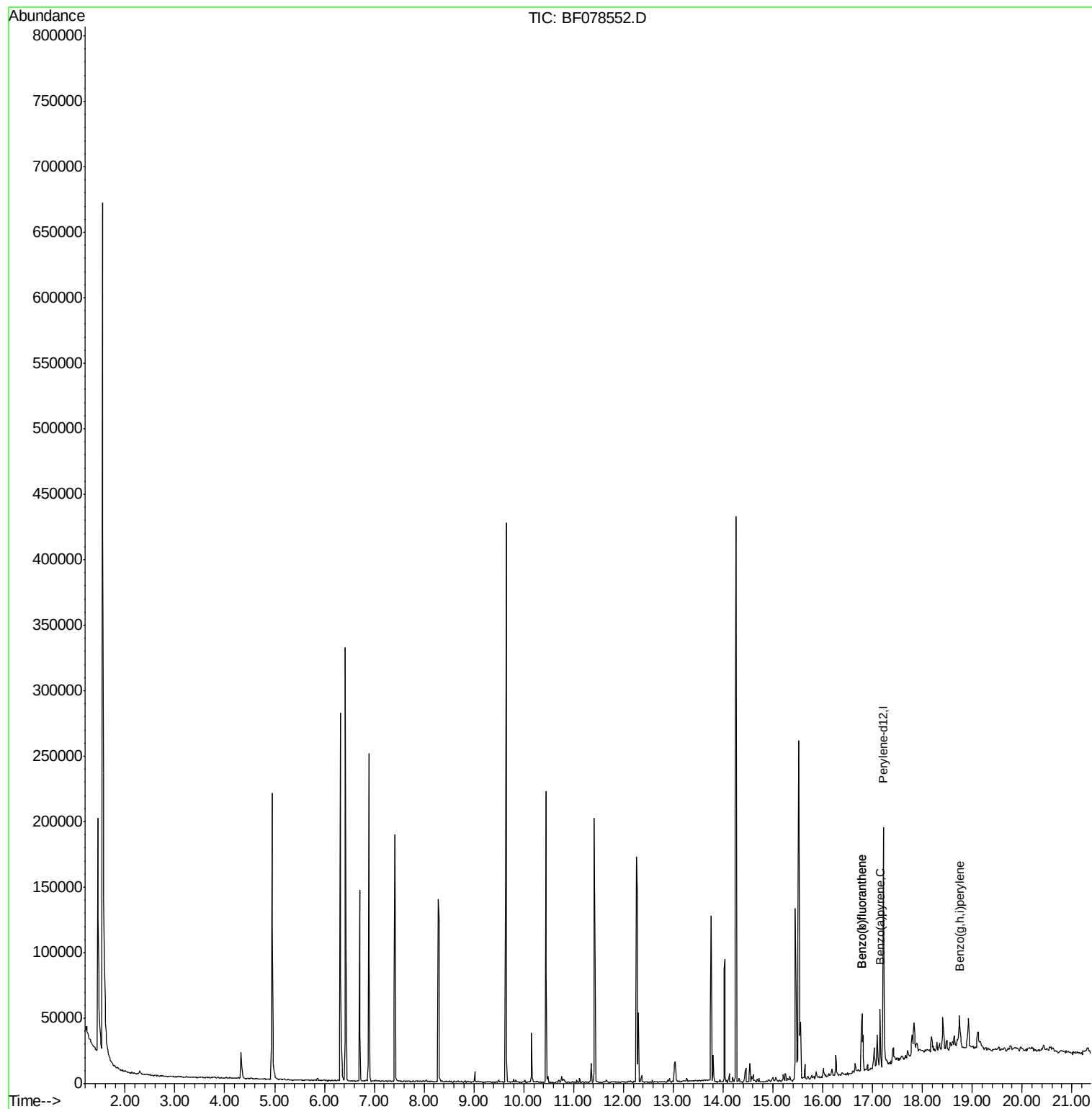
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.81
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.39
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.37
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.63
86) Perylene-d12	17.21	264	92554	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
87) Benzo(b)fluoranthene	16.79	252	41311	7.22	ng	# 97
88) Benzo(k)fluoranthene	16.79	252	41542	8.17	ng	# 96
89) Benzo(a)pyrene	17.15	252	23576	4.72	ng	96
91) Benzo(g,h,i)perylene	18.74	276	16502	3.29	ng	98

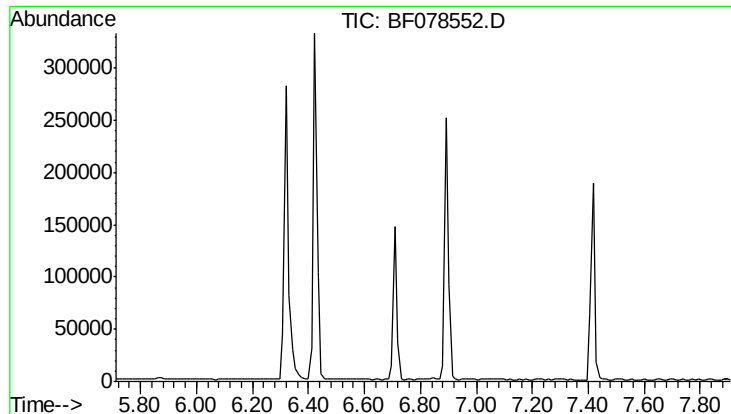
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.81 min

Lab File: BF078552.D

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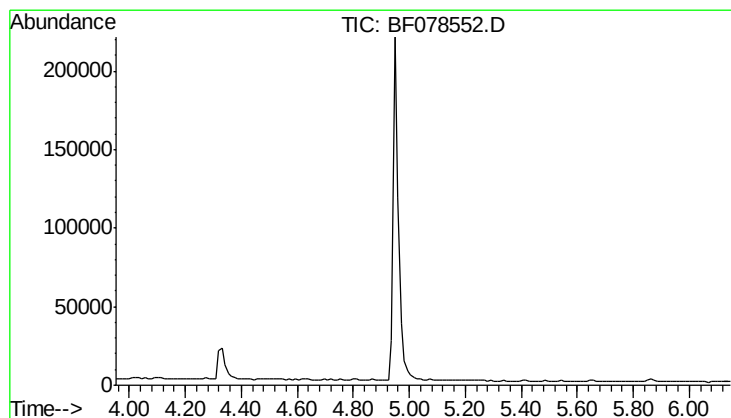
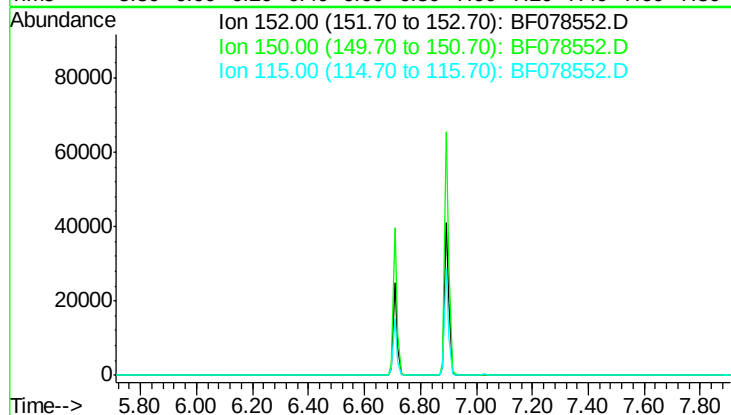
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.4

115 65.9



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.05 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

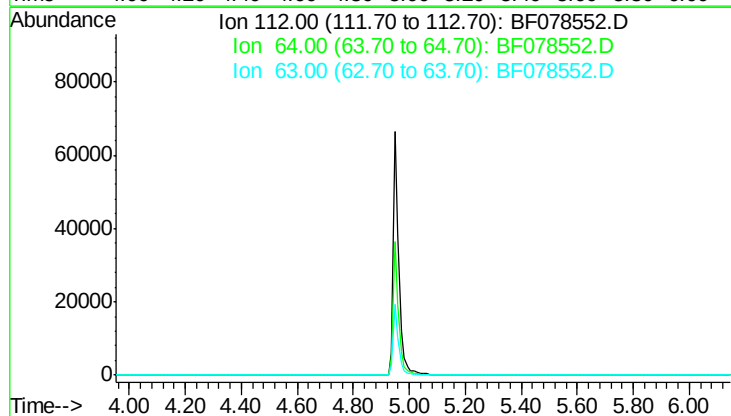
Tgt Ion: 112

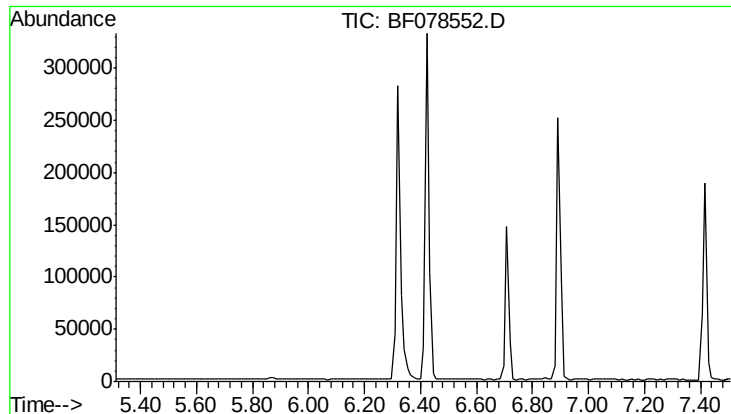
Sig Exp Ratio

112 100

64 49.9

63 25.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.41 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Instrument :

BNA_F

ClientSampleId :

HS-SB03B

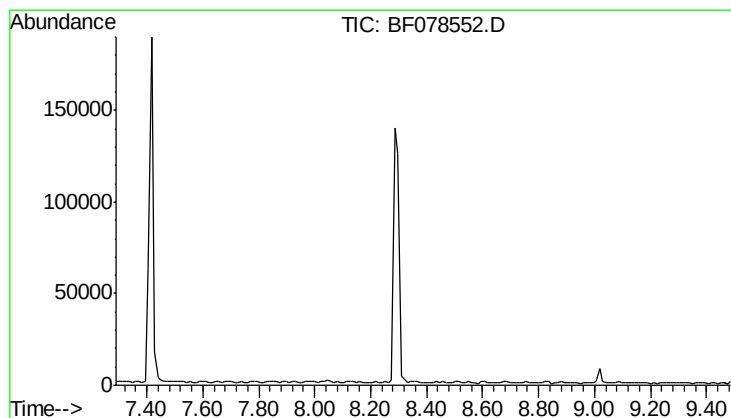
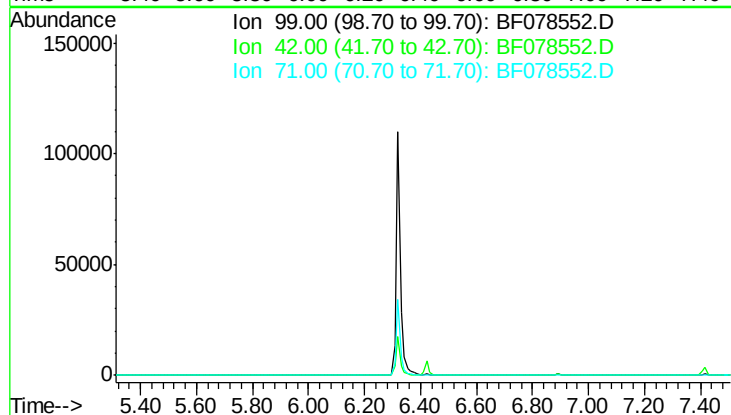
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.5

71 33.2



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.39 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Tgt Ion: 136

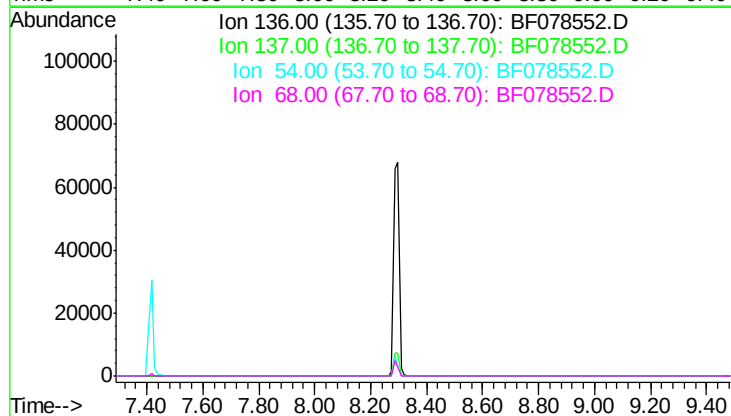
Sig Exp Ratio

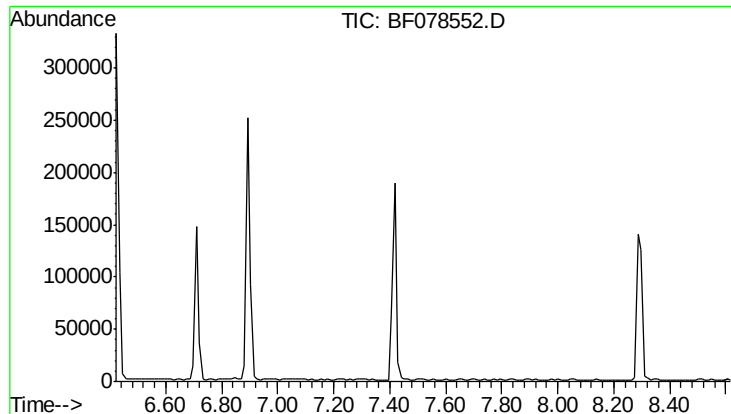
136 100

137 11.2

54 8.8

68 6.8

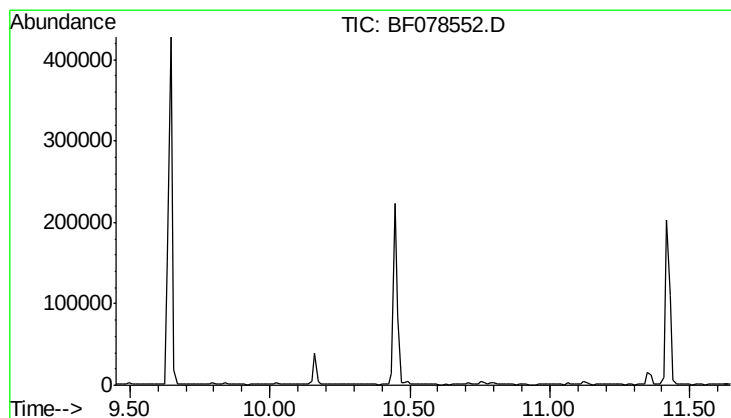
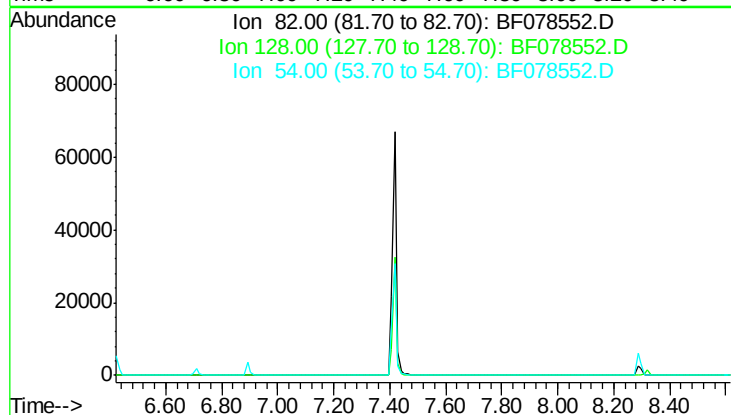




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.52 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

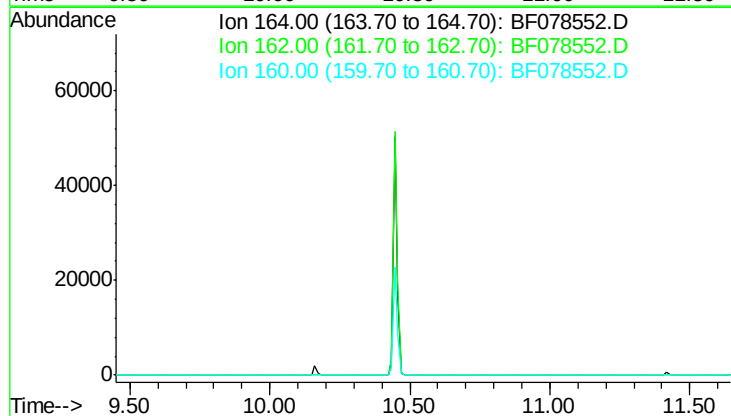
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB03B

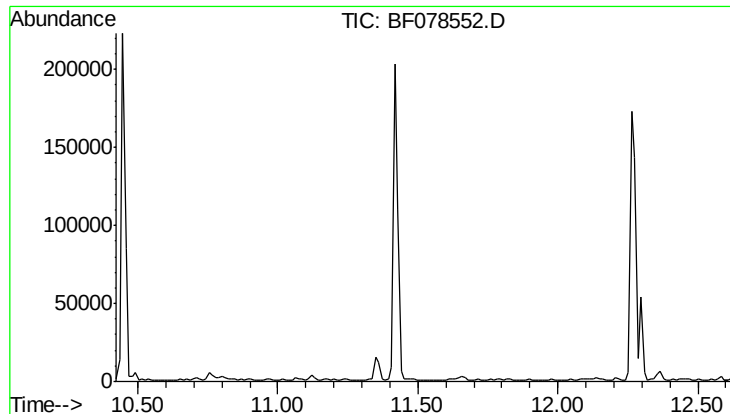
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 39.8
 54 51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 102.7
 160 43.4

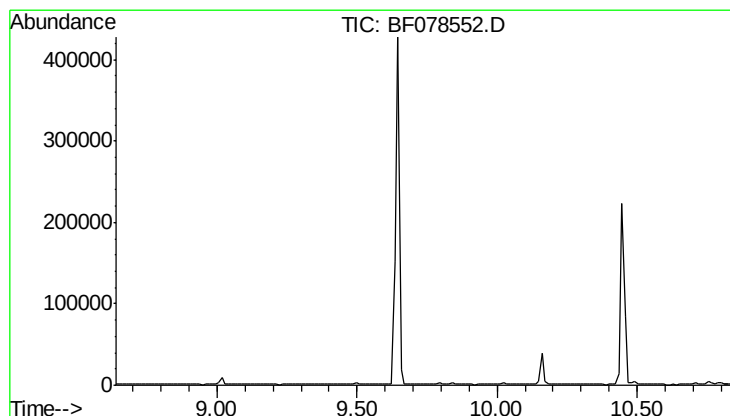
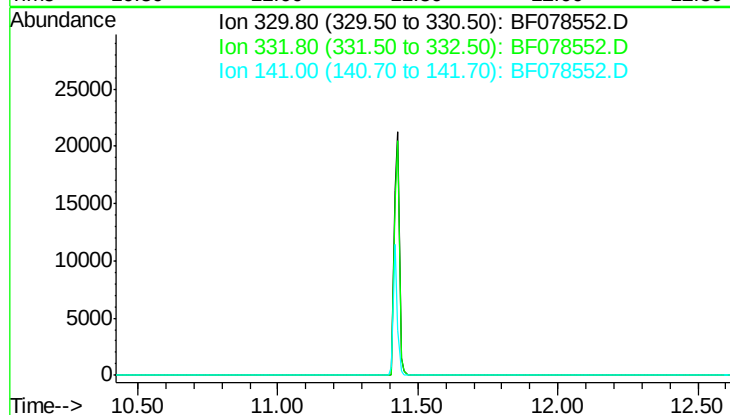




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.52 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

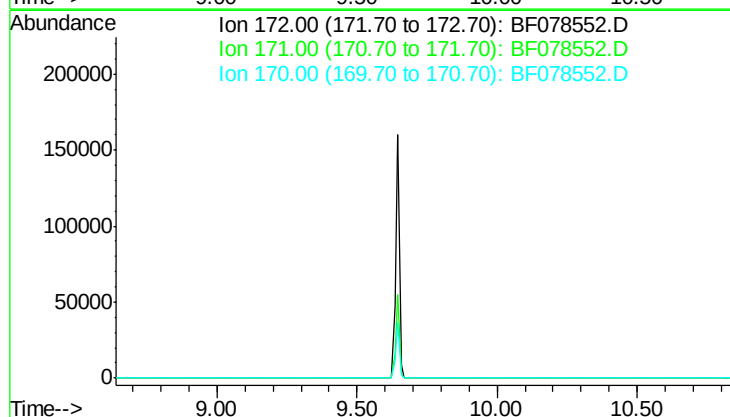
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB03B

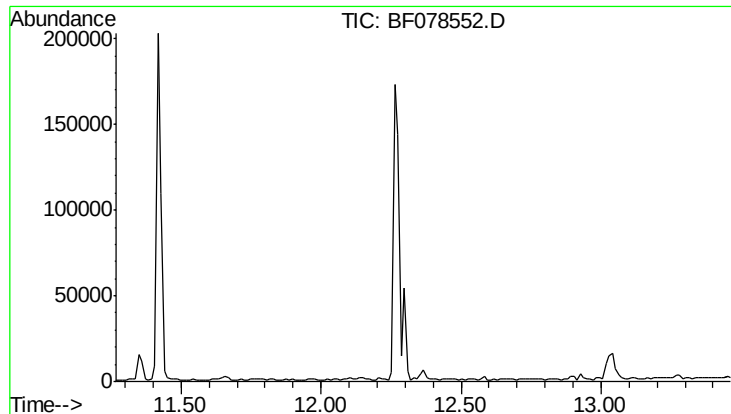
Tgt Ion	Exp Ratio
330	100
332	98.2
141	39.0



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.74 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Tgt Ion	Exp Ratio
172	100
171	35.7
170	23.1

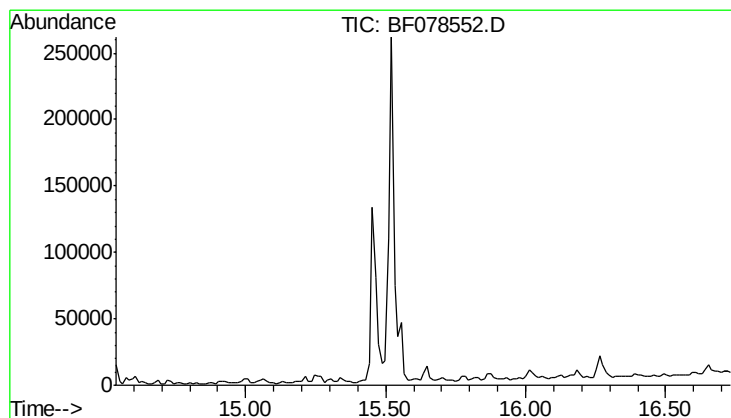
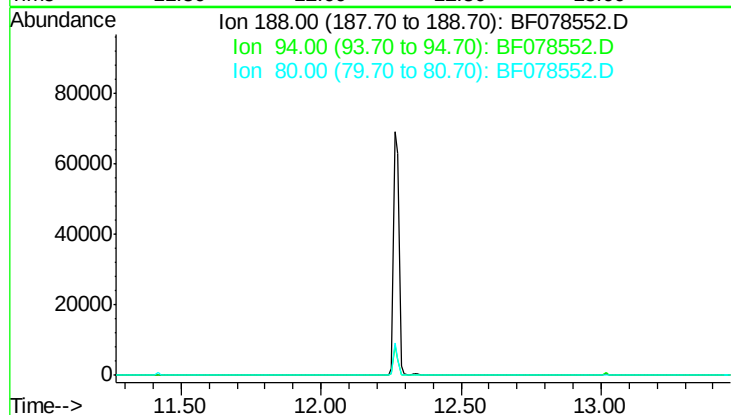




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.37 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

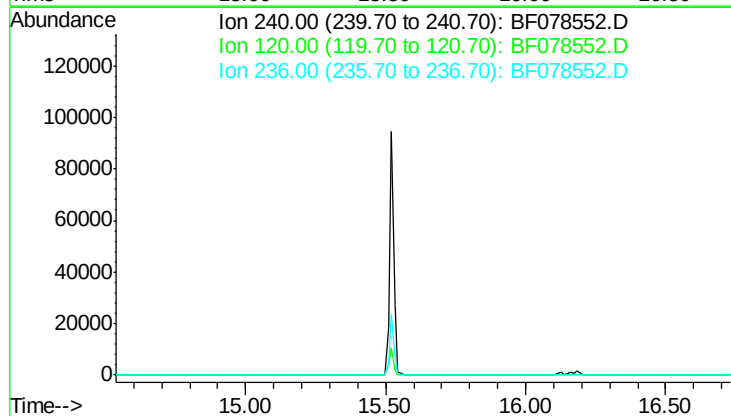
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB03B

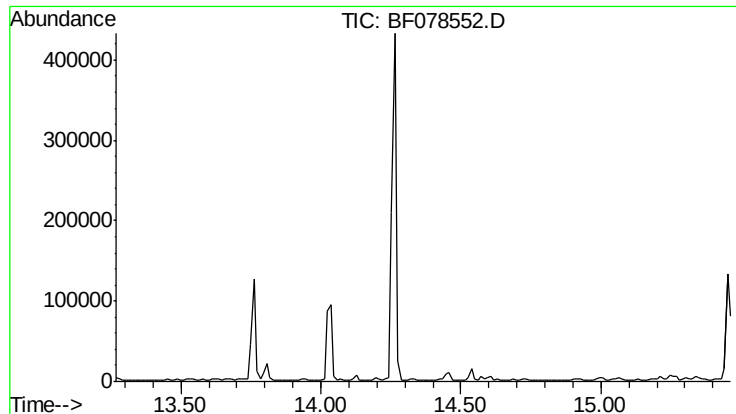
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 11.2
 80 11.9



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.63 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 8.9
 236 26.8





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.37 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Instrument :

BNA_F

ClientSampleId :

HS-SB03B

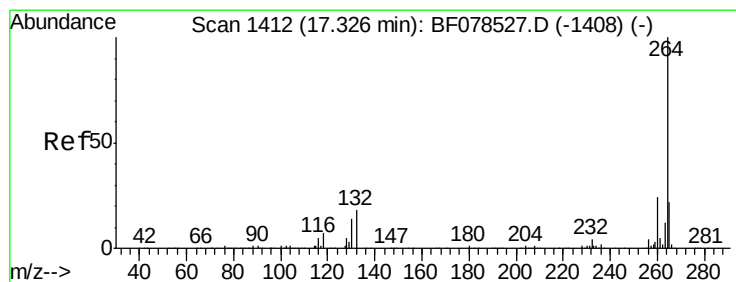
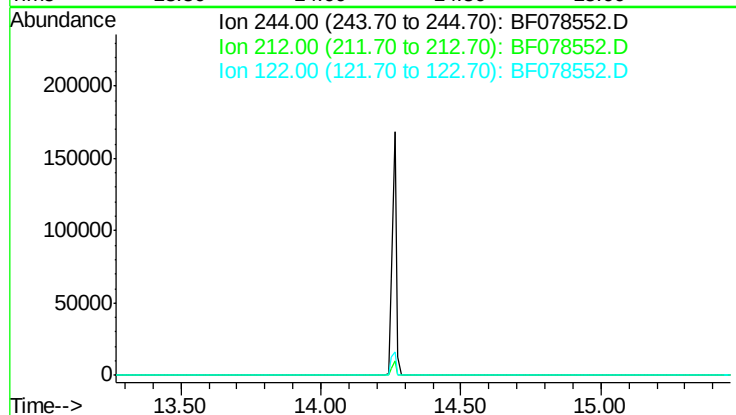
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.2

122 8.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.21 min Scan# 1402

Delta R.T. -0.11 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

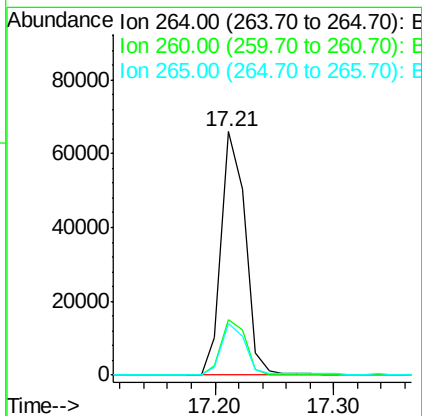
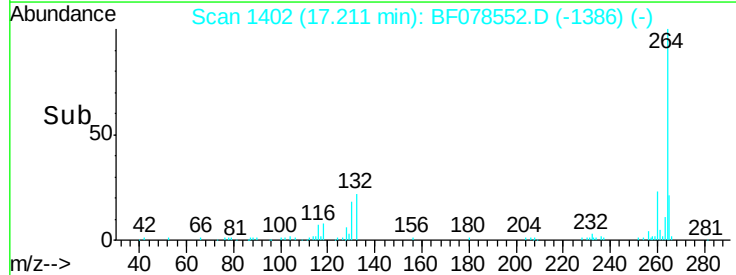
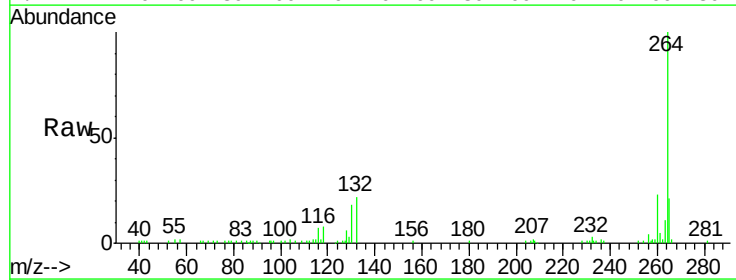
Tgt Ion: 264 Resp: 92554

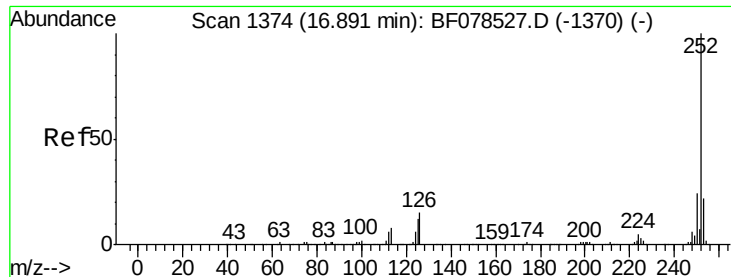
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.4 17.0 25.6

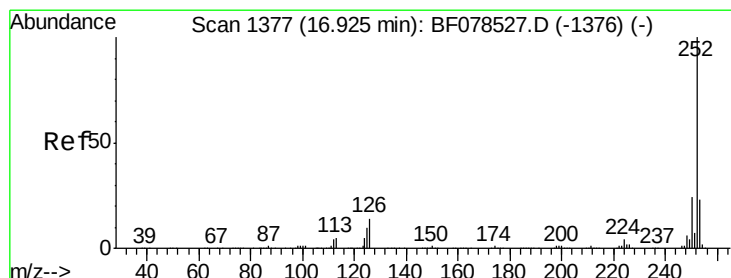
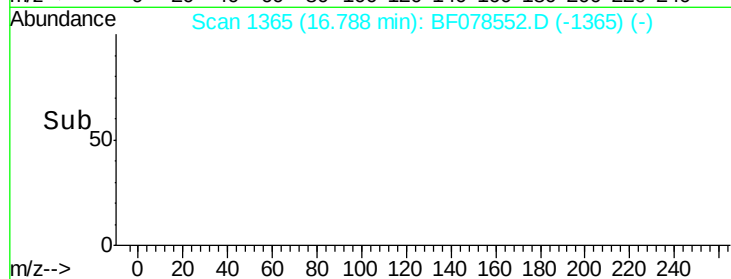
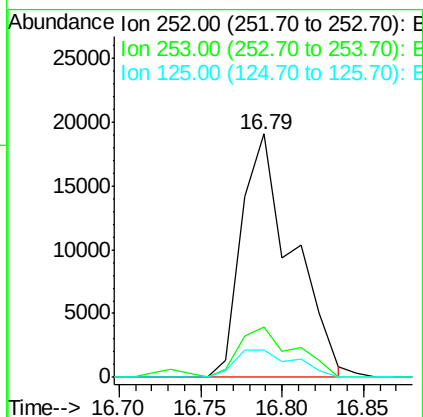
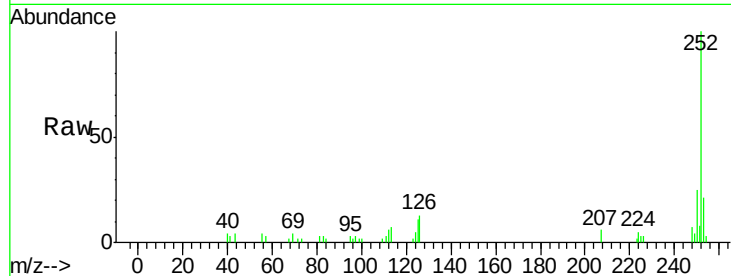




#87
Benzo(b)fluoranthene
Concen: 7.22 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.10 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

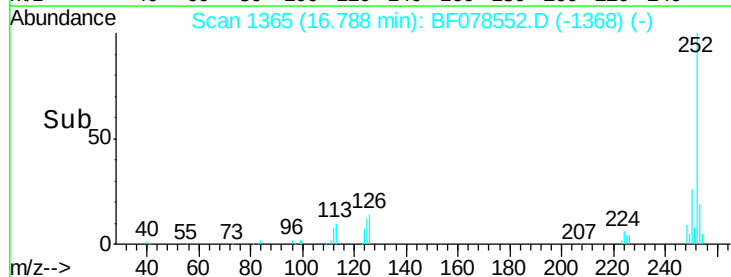
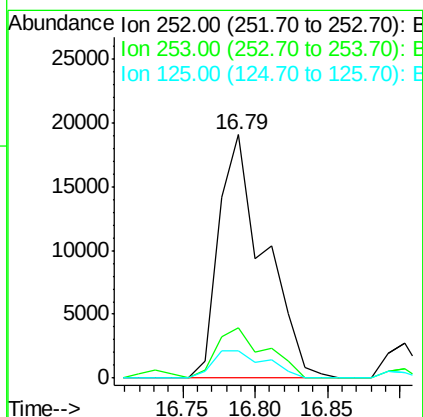
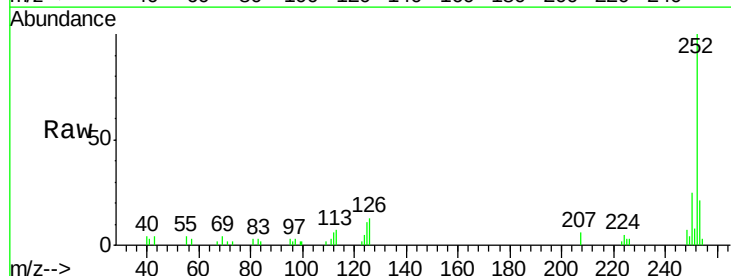
Instrument :
BNA_F
ClientSampleId :
HS-SB03B

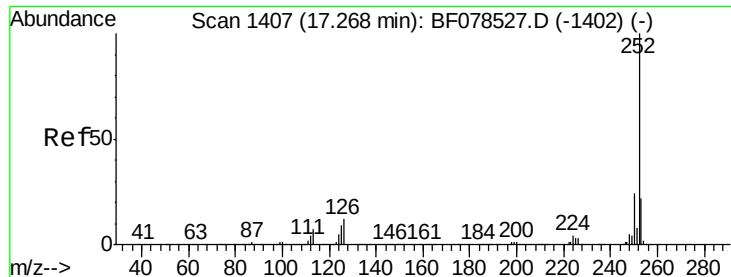
Tgt Ion: 252 Resp: 41311
Ion Ratio Lower Upper
252 100
253 20.8 17.2 25.8
125 11.3 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 8.17 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.14 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Tgt Ion: 252 Resp: 41542
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 11.3 11.6 17.4#





#89

Benzo(a)pyrene

Concen: 4.72 ng

RT: 17.15 min Scan# 1397

Delta R.T. -0.11 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Instrument :

BNA_F

ClientSampleId :

HS-SB03B

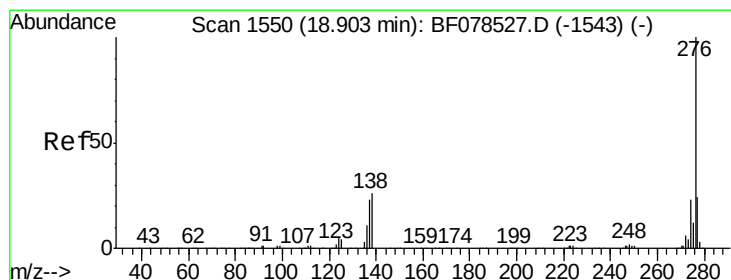
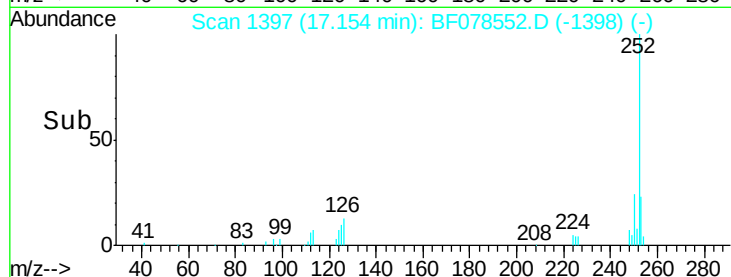
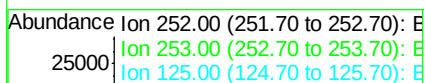
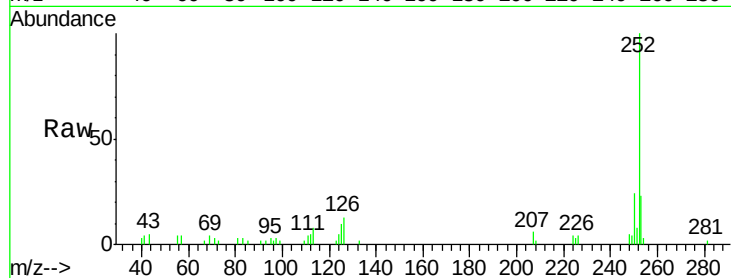
Tgt Ion: 252 Resp: 23576

Ion Ratio Lower Upper

252 100

253 23.1 16.8 25.2

125 10.2 7.4 11.0



#91

Benzo(g,h,i)perylene

Concen: 3.29 ng

RT: 18.74 min Scan# 1536

Delta R.T. -0.16 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Tgt Ion: 276 Resp: 16502

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 23.8 19.9 29.9

